AS NO. 21/14-15; 22.12.2014
TS NO. 246/14-15; 22.12.2014
WO NO. 200/14-15; 02.02.2015

First Refund
Est cost: Rs. 10.00 Lakhs
Income Code: 008-15-000029
P code: P1771

BR-485
28.2.15

M. A. R. 57 (Rule 116)

Measurement Book

No. B 258201

Providing CC road at Kodigehalli thindlu road (near Sundaram residency) and 21st A cross, 2nd main 'C' block Sahakarnagar inner road (Ganeshapura residency) in ward From no:8, Kodigehalli sub division.

Serial No. .....

Name of Work .....

Name of Contractor or nature of Agency Sri Annapoorneshwari Engg Works, Manjunathnagar, Bangalore

Date of commencement of work 02-02-2015

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement recorded on: 27-2-2015						
	1) Earthwork excavation by manual means in ordinary soil, excavated surface levelled & side rendered dressed, disposed earth to be levelled neatly after breaking of clods etc complete as directed.					138.26	cum
	Paid vide item no.(1) of page 258250 of MB					138.20	cum
	Limited to					= Rs	15202.00
	@ Rs. 110/-						=
	2) Providing & laying in position PCC of M20 1:1½:3 with OPC cement @ 180 kg with 40mm & dn graded granite metal, coarse aggregate @ 0.85 cum, FA @ 0.57 cum, reaching mixed concrete laid in						

Executive Engineer
Jayanapura Division
Bangalore Zone, B.B.M.P.
Bangalore-560 092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers not exceeding 15cm cost of all materials. (Qty vide ITEM NO. (2) of page 258252 of MB	Rock, well compacted Labour etc complete.				95.40 @ Rs. 4500/-	cum = Rs. 429300.00
3)	Providing & laying in position pcc of Mix M20 using opc concrete @ 300 kg/cum & 20mm & dn graded metal CA @ 0.6 cum & FA @ 0.4 cum Machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted, cost of all materials, labour etc complete.						
	CVO>> road - 1	1	15.00 (5+4)/2	0.1		6.75	cum
		1	5.00 (4+6.5)/2	0.10		2.62	"
		1	8.00 (6.5+4.4)/2	0.10		4.36	"
		1	6.00 (4.4+3.9)/2	0.10		2.49	"

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Yamarene Kharse road	1
	CVO>> road - 2	1

Contents 7	Reference to last Measurement 8
95.40	cum
= 40.	429300.00
6.75	cum
2.62	"
4.36	"
2.48	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258202

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Yamacane house road	1	15.00	(3.9+2.9)/2	0.1	58.50	cum
		1	15.00	(3.9+3.8)/2	0.10	5.77	"
		1	15.00	(3.8+1.8)/2	0.1	5.70	"
		1	2.00	(3.8+1.7)/2	0.1	0.75	"
		1	7.50	(5+4.6)/2	0.1	2.60	"
		1	15.00	(4.6+4.6)/2	0.1	6.90	"
		1	4.00	(4.6+4.6)/2	0.1	1.84	"
	cross road - 2	1	5.00	(5+5.2)/2	0.1	2.55	"
		1	15.00	(5.2+5.2)/2	0.1	7.80	"
		1	3.50	(5.2+4.8)/2	0.1	1.75	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7.9	$\left(\frac{4.8+4.8}{2}\right)$	0.1	3.79	cum
					Total	62.52	cum
					Limited to	62.50	cum
						= Rs. 365750.00	
	27/2/2015 S.D.O. (Civil)		@ Rs. 5852/-				
4)	Excavation dewatering with excavated pump & ejection neat & compaction with Kuli floaten clubbed with floating disc cost & all materials etc complete as directed.						
	Yamamura house road - 1	1	15.00	$\left(\frac{5+4}{2}\right)$	"	67.50	Sqm
		1	5.00	$\left(\frac{4+6.5}{2}\right)$	"	26.25	"
		1	8.00	$\left(\frac{6.5+4.4}{2}\right)$	"	42.60	"
		1	6.00	$\left(\frac{4.4+3.9}{2}\right)$	"	24.90	"

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Yamamura house road	
	CVDEN road - 2	

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.1	3.75	cum
total	62.50	cum
Rs	62.50	cum
- - - = Rs.		365750.00
clean ubbed etc		
-	62.50	Sqm
-	26.25	"
-	42.60	"
-	24.90	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258203

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	(3.9+3.9)/2	-	58.50	Sqm
		1	15.00	(3.9+3.8)/2	-	57.75	"
		1	15.00	(3.8+3.8)/2	-	57.00	"
		1	2.00	(3.8+3.7)/2	-	7.50	"
	Yamaneni house road	1	7.50	(5+4.6)/2	-	36.00	"
		1	15.00	(4.6+4.6)/2	-	69.00	"
		1	4.00	(4.6+4.6)/2	-	18.40	"
	Cross road - 2	1	5.00	(5+5.2)/2	-	25.50	"
		1	15.00	(5.2+5.2)/2	-	78.00	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.50	$\frac{(5.2+4.8)}{2}$	–	17.50	Sqm
		1	7.90	$\frac{(4.8+4.8)}{2}$	–	37.92	"
					Total	625.32 Sqm	
					Limited to	625.00 Sqm	
				@ Rs. 117/-	– –	– = Rs.	#3105
	5) Providing groove cutting for correct pavement with 5mm to 10mm & depth 80 to 100mm already cast directed.						
		6	4.00	–	–	24.00 Rm	
		9	4.50	–	–	40.50 "	
					Total	64.50 Rm	
				@ Rs. 140/-	– –	– = Rs.	9030.00

MCQFC

Assistant Executive Engineer.
Kodigehalli Sub Division.
Yelahanka

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6) Providing & constructing superstructure with cu dressed in courses not stones @ 2m apart in vertical courses or c
	Qty vide item no. (6) of M
	7) Providing raised pointing with CM 1:4, 20mm cost of all materials etc
	Qty vide Item no. (7)

Exe. Engr.
Bip. Div.

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epth 6	Contents 7	Reference to last Measurement 8
–	17.80	Sqm
–	37.92	"
	625.32	Sqm
	625.00	Sqm
	= Ks.	
	24.00	Rm
–	40.50	"
otal	64.50	Rm
	= Ks.	9030.00 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258204

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6)	Providing & constructing granite ajc stone masonry in superstructure with CM 1:6, edges of stones chisel dressed in courses not less than 15cm high bond stones @ 2m apart in each course, cost of all materials labour etc complete.						
	Qty vide item no. (6) of Mpe 258253 of Min MB					5.94	cum
	@ Rs. 4775/-					= Ks.	28364.00 =
7)	Providing raked pointing to coursed stone masonry with CM 1:4, 20mm after raking joints to 20mm deep cost of all materials etc complete.						
	Qty vide Item no. (7) of Mpe 258253 of Min MB					9.90	Sqm
	limited to					8.80	Sqm
	@ Rs. 100/-					= Ks.	880.00 =

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Providing & laying in position PCC ⁊ mix 1:2:4 with cement @ 240 kg with 20mm & d/s graded granite metal CA @ 0.878 cum & FA @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cm thick cost ⁊ all materials labour etc complete as directed.						
	Qty vide item No.(8) ⁊ page 258253 ⁊ this MB - - -					2.64 cum	
						2.48 cum	
	@ Rs. 5327/- - -					= Rs.	13211.00
							=
9)	Providing & laying in position RCC ⁊ mix M20 with OPC @ 320 kg with 20mm & d/s metal, CA @ 0.878 cum & FA @ 0.459 cum, machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost ⁊ all materials labour etc complete as directed.						

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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	culvert deck slab	1
10)	Providing mild steel reinforcem including straightening cutting in position bend cost ⁊ all as directed.	
	Qty vide item No.(10) ⁊ page 2	

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epth 6	Contents 7	Reference to last Measurement 8
...ection ...k		
...bour		
...	2.64 cum	
... to	2.48 cum	
...	= Rs.	13211.00 =
...		
..., CA		
...ediy		
...teel.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258205

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	culvert deck slab	1	5.50	1.80	0.23	2.27	cum
				@ Rs 6120/-		= Rs	13892.00 =
(10)	Providing mild steel reinforcement for RCC work including straightening cutting bending hooking placing in position & binding wherever necessary complete as directed.						
	Qty vide item No. (10) of	Page 258254		Min MS ... limited to		2.52 2.05	Qtl
				@ Rs. 8000/-		= Rs.	16400/- =

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Providing & removing centering, shuttering, strutting, propping etc & removal of formwork for vertical surfaces complete cost of all materials labour etc complete.						
	Qty vide item No (11) of page 258254 of MB					6.66	Sqm
	@ Rs. 350/- = Rs.						2330.00
12)	Lead for disposal of debris shall be payable at carriage rates by mechanical means as directed etc complete.						
	Qty vide item No. (12) of MB	258251				138.26	cum
						Restricted To 103.65	cum
	@ Rs. 70/- = Rs.						7256.00
						Total Bill Amount = Rs	974740.00

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Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Certificate:	
	1) Certified that the above	
	2) Certified that the contra & transport the debris	
	3) there are no departme	
	27/2/15	

As

th	Contents 7	Reference to last Measurement 8
	6.66	Sqm
	= Rs.	2330.00 =
	138.26	cum
To	103.65	cum
	= Rs.	7256.00 =
l Amount = Rs		974740.00.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258206

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate: 1) Certified that the above work has been executed satisfactorily to clear 2) Certified that the contractor has used his own vehicle to transport the debris from work spot. 3) There are no departmental issues to this work. 27/2/15 Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						